

# Public Notice of Application for Permit

Regulatory Branch (1145b)
Post Office Box 6898
Elmendorf AFB, Alaska 99506-0898

PUBLIC NOTICE DATE: 24 February 2006

EXPIRATION DATE: 27 March 2006

REFERENCE NUMBER: POA-1984-121-Y

WATERWAY: Cook Inlet 317

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States as described below and shown on the attached plan.

<u>APPLICANT</u>: Municipality of Anchorage, ATTN: Lori Schanche, Project Management and Engineering, Post Office Box 196650, Anchorage, Alaska 99519-6650.

AGENT: HDR Alaska, Inc., Attn. Mark Dalton, 2525 C Street, Suite 305, Anchorage, AK 99503.

LOCATION: From Kincaid Park (-150.053° W.; 61.1538° N.) where the existing Tony Knowles Coastal Trail currently terminates to the Potter Weigh Station (-149.7869° W.; 61.0461° N.), a distance of approximately 12.5 miles. Sections 4, 9, 10, 15, T.11 N., R.3 W.; sections 29, 30, 32, 33, T. 12 N., R. 3 W.; sections 6, 7,8, 9, 15, 16, 23, 24, 25, T. 12 N., R. 4 W., Seward Meridian, Anchorage, Alaska.

<u>PURPOSE</u>: Extend the existing Tony Knowles Coastal Trail from Kincaid Park to the Potter Weigh Station. Additional details concerning Purpose and Need are provided in the attached Project Description.

WORK: Discharge approximately 70,800 cubic yards of clean fill, of which 68,400 cy would be sub-base fill, including gravel and porous material), 2,270 cy of D-1 fill (crushed gravel) and 50 cy of asphalt, in approximately 10.0 acres of wetlands to construct a multi-use trail with 10-foot wide paved surface and 2-foot gravel shoulders on each side of the trail. Of the 10.0 acres of wetlands, where discharge is proposed, approximately 3.1 acres are tidally influenced. In addition, approximately 1,630 feet of trail in wetlands would be elevated on pilings, 12-13 inches in diameter, spaced every 20 to 40 feet,

principally over tidally influenced wetlands along the Final Environmental Impact (FEIS) Preferred Alternative route (see Figure 4). Pilings would be installed in winter on snow or ice roads or from the deck of the trail itself.

The trail would cross tidally influenced segments of Campbell Creek, Rabbit Creek, and Potter Creek. Clear-span bridges would be constructed across Campbell Creek and Rabbit Creek (Sheets 4a, 14, and 32). The trail would use the existing culvert to cross Potter Creek. The proposed action is identified as the FEIS Preferred Alternative in the South Extension of the Coastal Trail, Final Environmental Impact Statement. This FEIS Preferred Alternative has reduced direct impacts to wetlands from 19.5 acres for the previously preferred alternative to 10 acres.

ADDITIONAL INFORMATION: The applicant has modified the proposed project. This public notice describes the **changes in what is being**proposed as the new Preferred Alternative in the Final Environmental Impact Statement (FEIS), which is currently available for public review. Bound copies of the FEIS are available for viewing at the Municipality of Anchorage, Department of Project Management and Engineering, 4700 South Bragaw Street, second floor; Z.J. Loussac Public Library, at the corner of 36<sup>th</sup> Avenue and Denali Street; and all other Anchorage branch libraries. For information on obtaining a copy of the FEIS, contact the project message phone at (907) 644-2180, or see <a href="http://home.gci.net/~southtrail">http://home.gci.net/~southtrail</a> (no www needed). A public hearing on the Final EIS will be held at Egan Convention Center in downtown Anchorage following release of the document. The project web site, project message phone, and local media will provide date and time.

The addition of the new preferred alternative is the primary change in the EIS from the DEIS in addition to responding to concerns raised by multiple agencies and about 2,500 individuals. The FEIS Preferred Alternative is described by the applicant as addressing the issues raised during the Draft EIS review period, November 13, 2002-March 7, 2003.

The FEIS Preferred Alternative combines portions of the Orange Modified Alternative (the Draft EIS preferred alternative) with portions of the Fuchsia Alternative. The new alternative is not the alternative that best satisfies all elements of the project purpose and need statement, but it is advanced as the best compromise between the community's stated desires for a principally coastal alignment and the community's stated desires to minimize impacts to private property, wetlands, wildlife habitat, and the Anchorage Coastal Wildlife Refuge, and to better connect through neighborhoods to trails and community facilities. The FEIS Preferred Alternative decreases wetland fill impacts to 10 acres, the least of any alternative, and 51% reduction from the previous preferred alternative, i.e., from 19.5 acres to 10 acres. It decreases trail locations at the base of the coastal bluff in areas identified by the Alaska Department of Fish and Game and others as the most important or sensitive coastal habitats, most of which are wetlands. It substantially reduces impacts to wetlands at Potter Marsh; these wetlands are designated "A" in the Anchorage Wetlands Management Plan and are identified as Essential Fish Habitat

for salmon. It provides greater public access to coastal views and environments than any alternative except the previous (DEIS) preferred alternative. It reduces private properties impacted 45%, from 177 affected parcels under the previous preferred alternative to 98 parcels. This alternative requires no residential relocations. It reduces construction complexity and cost by using existing trails and road rights-of-way in some locations and by avoiding extensive areas proposed in the previous preferred alternative for construction on the steep coastal bluff face and in wetlands.

Four types of fill material would be used to construct the trail. The sub-base of the trail varies in thickness depending upon topography, but is a minimum of 16 inches thick. The sub-base material would consist of gravel and porous material. Only clean sub-base fill from existing upland sources would be used. The specific amounts of gravel and porous material could not be approximated at this stage of the project. Approximately 6 inches of D-1 (crushed gravel) fill would be placed over the sub-base. Two inches of asphalt would be applied over the D-1 fill to provide a safe, smooth surface.

Areas disturbed by construction activities, such as access routes and areas used to stockpile material, will be located in uplands to the extent practicable. It is anticipated that some wetlands outside the trail prism may be impacted by construction. Construction may require the cutting of trees and some brush from some of these wetlands (not subject to DA jurisdiction if soil is not moved); this activity is not subject to Corps jurisdiction if soil is not moved. Construction in these areas would occur primarily when the ground is frozen so wetland soils would not be impacted.

Additional information about the FEIS Preferred Alternative is attached in the Project Description, which follows the project plans.

<u>MITIGATION</u>: As a result of project planning, the applicant has proposed mitigation to reduce impacts to the aquatic environment described in the sixth section of the attached project description narrative.

WATER QUALITY CERTIFICATION: A permit for the described work will not be issued until a certification or waiver of certification as required under Section 401 of the Clean Water Act (Public Law 95-217) has been received from the Alaska Department of Environmental Conservation.

COASTAL ZONE MANAGEMENT ACT CERTIFICATION: Section 307(c)(3) of the Coastal Zone Management Act of 1972, as amended by 16 U.S.C. 1456(c)(3), requires the applicant to certify that the described activity affecting land or water uses in the Coastal Zone complies with the Alaska Coastal Management Program. A permit will not be issued until the Office of Project Management and Permitting, Department of Natural Resources has concurred with the applicant's certification.

<u>PUBLIC HEARING</u>: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, reasons for holding a public hearing.

CULTURAL RESOURCES: The latest published version of the Alaska Heritage Resources Survey (AHRS) has been consulted for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are several previously unevaluated properties in the vicinity of the worksite. Four properties within the Area of Potential Effect (APE) required investigation to determine Register eligibility: the Potter Creek Construction Camp (ANC-1208), Johnson's Roadhouse (ANC-050), the Superior Oil Can site (ANC-1210); and a single artifact site reported by Jack Wilcox in 1981 (TYO-058). The SHPO agreed that investigation efforts at the Potter Creek Construction Camp would focus on property within the APE. The SHPO concurred with FHWA's determination of noneligibility on August 12, 2002, to indicate concurrence with the project finding of "No Historic Properties Affected." FHWA determined that fox-hole like depressions identified after issuance of the DEIS and associated with the FEIS Preferred Alternative were not eligible for the National Register of Historic Places, and that no historic properties would be affected by the project. SHPO concurred with these determinations on August 26, 2005. Copies of this correspondence are in the FEIS (Appendix B).

TRIBAL CONSULTATION: The Alaska District fully supports tribal self-governance and government-to-government relations between the Federal government and Federally recognized Tribes. This notice invites participation by agencies, Tribes, and members of the public in the Federal decision-making process. In addition, Tribes with protected rights or resources that could be significantly affected by a proposed Federal action (e.g., a permit decision) have the right to consult with the Alaska District on a government-to-government basis. Views of each Tribe regarding protected rights and resources will be accorded due consideration in this process. This Public Notice serves as notification to the Tribes within the area potentially affected by the proposed work and invites their participation in the Federal decision-making process regarding the protected Tribal right or resource. Consultation may be initiated by the affected Tribe upon written request to the District Engineer during the public comment period.

ENDANGERED SPECIES: No threatened or endangered species are known to use the project area. Preliminarily, the described activity will not affect threatened or endangered species, or their critical habitat designated as endangered or threatened, under the Endangered Species Act of 1973 (87 Stat. 844). This application is being coordinated with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service. Any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

ESSENTIAL FISH HABITAT: The proposed work has been evaluated for possible effects to Essential Fish Habitat (EFH) pursuant to the Magnuson Stevens Fishery Conservation and Management Act of 1996 (MSFCMA), 16 U.S.C. et seq and associated federal regulations found at 50 CFR 600 Subpart K. The Alaska District includes areas of EFH as Fishery Management Plans. We have reviewed the January 20, 1999, North Pacific Fishery Management Council's Environmental Assessment to locate

EFH area as identified by the National Marine Fisheries Service (NMFS). We have determined that the described activity may adversely affect EFH. This proposed project may also adversely affect associated species such as major prey or predator species which are not covered by Fishery Management Plans. NMFS has reviewed the EFH Assessment for the South Extension of the Coastal Trail, dated August 2005. On November 8, 2005, NMFS agreed and accepted that the FEIS Preferred Alternative addresses NMFS's EFH recommendations in their March 6, 2003 letter. Thus, no further EFH consultation is necessary. Resolution of concerns is described in the FEIS.

Placement of clear-span bridges for stream crossings may cause a temporary adverse effect on EFH. In addition, placement of a large box culvert at Little Rabbit Creek may cause a temporary adverse effect on EFH due to the placement of temporary fill during construction. Replacing this culvert would have a permanent beneficial effect on EFH by extending salmon spawning habitat approximately one-half mile upstream. Constructing a trail along the east side of the New Seward Highway on the alignment of the Orange Modified Alternative would adversely affect EFH by placing approximately 9.5 acres of fill in open water areas of Potter Marsh. On the alignment of the FEIS Preferred Alternative, the trail would be constructed largely on the existing highway embankment and would result in approximately 3.4 acres of fill in the marsh EFH. This is a reduction of two-thirds from the Orange Modified Alternative previously proposed.

SPECIAL AREA DESIGNATION: The proposed trail would be adjacent to the Anchorage Coastal Wildlife Refuge and would cross the Refuge at grade in two locations for a total of approximately 250 lineal feet.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts, which the proposed activity may have on the public interest, requires a careful weighing of all the factors that become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. The decision whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur, are therefore determined by the outcome of the general balancing process. That decision should reflect the national concern for both protection and utilization of important resources. All factors, which may be relevant to the proposal, must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) quidelines. Subject to the preceding sentence and any other applicable

guidelines or criteria (see Sections 320.2 and 320.3), a permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the described work, with the reference number, should reach this office no later than the expiration date of this Public Notice to become part of the record and be considered in the decision. Please contact Mary Lee Plumb-Mentjes at 753-2712, toll free from within Alaska at (800) 478-2712, or by e-mail at SCT.Public-Notice@poa02.usace.army.mil if further information is desired concerning this notice.

<u>AUTHORITY</u>: This permit will be issued or denied under the following authorities:

- (X) Perform work in or affecting navigable waters of the United States Section 10 Rivers and Harbors Act 1899 (33 U.S.C. 403).
- (X) Discharge dredged or fill material into waters of the United States Section 404 Clean Water Act (33 U.S.C. 1344). Therefore, our public interest review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).
- () Transport dredged material for the purpose of dumping it into ocean waters Section 103 Marine Protection, Research, and Sanctuaries Act of 1972 (33 U.S.C. 1413). Therefore, our public interest review will consider the criteria established under authority of Section 102(a) of the Marine Protection, Research and Sanctuaries Act of 1972, as amended (40 CFR Parts 220 to 229), as appropriate.

Plans, Notice of Application for Certification of Consistency with the Alaska Coastal Management Program, and Notice of Application for State Water Quality Certification are attached to this Public Notice.

District Engineer U.S. Army, Corps of Engineers

Attachments

FRANK H. MURKOWSKI, GOVERNOR

# STATE OF ALASKA

OFFICE OF THE GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF PROJECT MANAGEMENT AND PERMITTING

ALASKA COASTAL ZONE MANAGEMENT 550 WEST 7<sup>TH</sup> AVENUE, SUITE 1660 ANCHORAGE, ALASKA 99501-3568

# NOTICE OF APPLICATION FOR CERTIFICATION OF CONSISTENCY WITH THE ALASKA COASTAL MANAGEMENT PROGRAM

Notice is hereby given that a request is being filed with the Office of Project Management and Permitting for a consistency determination, as provided in Section 307(c)(3) of the Coastal Zone Management Act of 1972, as amended [16 U.S.C. 1456(c)(3)], that the project described in the Corps of Engineers Public Notice No. <u>POA-1984-121-Y</u>, <u>Cook Inlet 317</u>, will comply with the Alaska Coastal Management Program and that the project will be conducted in a manner consistent with that program.

The Office of Project Management and Permitting requests your comments, particularly on the proposed project's consistency with the affected local coastal district management program. For more information on the consistency review contact OPMP at (907) 269-7470 or (907) 465-3562, or visit the ACMP web site at http://www.gov.state.ak.us/gdc/Projects/projects.html.

# STATE OF ALASKA

OFFICE OF THE GOVERNOR

#### **DEPT. OF ENVIRONMENTAL CONSERVATION**

DIVISION OF WATER 401 Certification Program Non-Point Source Water Pollution Control Program

### NOTICE OF APPLICATION FOR STATE WATER OUALITY CERTIFICATION

Any applicant for a federal license or permit to conduct an activity that might result in a discharge into navigable waters, in accordance with Section 401 of the Clean Water Act of 1977 (PL95-217), also must apply for and obtain certification from the Alaska Department of Environmental Conservation that the discharge will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. By agreement between the U.S. Army Corps of Engineers and the Department of Environmental Conservation, application for a Department of the Army permit to discharge dredged or fill material into navigable waters under Section 404 of the Clean Water Act also may serve as application for State Water Quality Certification.

Notice is hereby given that the application for a Department of the Army Permit described in the Corps of Engineers' Public Notice No. POA-1984-121-Y, Cook Inlet 317 State Water Quality Certification from the Department of Environmental Conservation.

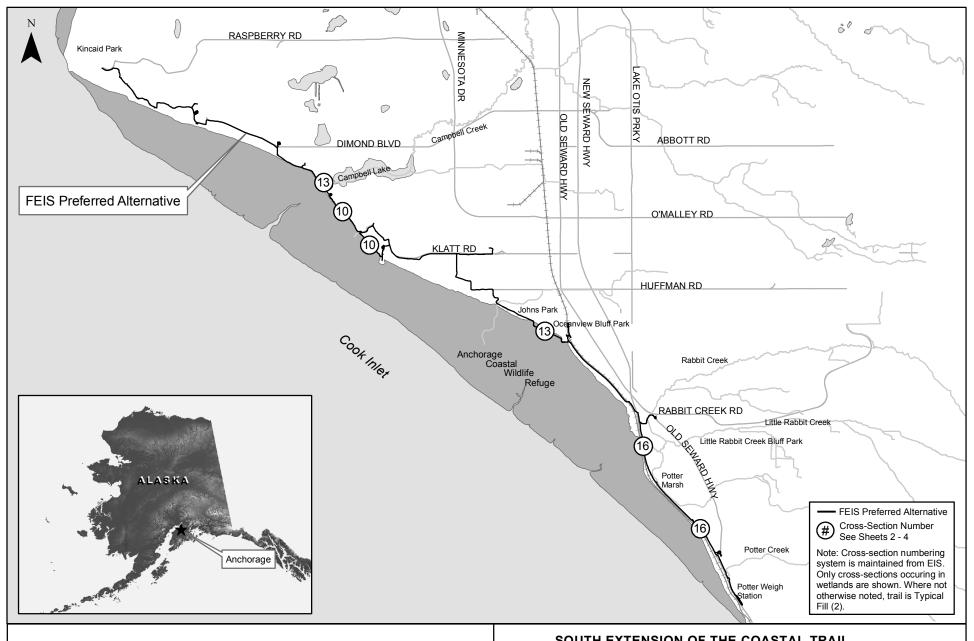
After reviewing the application, the Department may certify that there is reasonable assurance that the activity, and any discharge that might result, will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. The Department also may deny or waive certification.

Any person desiring to comment on the project with respect to Water Quality Certification may submit written comments within 30 days of the date of the Corps of Engineer's Public Notice to:

> Department of Environmental Conservation WOM/401 Certification 555 Cordova Street Anchorage, Alaska 99501-2617 Telephone: (907) 269-6281

FAX:

(907) 269-7508



### Final EIS Preferred Alternative

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

### SOUTH EXTENSION OF THE COASTAL TRAIL

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15; T. 12N, R. 3W, SEC. 29, 30,32,33

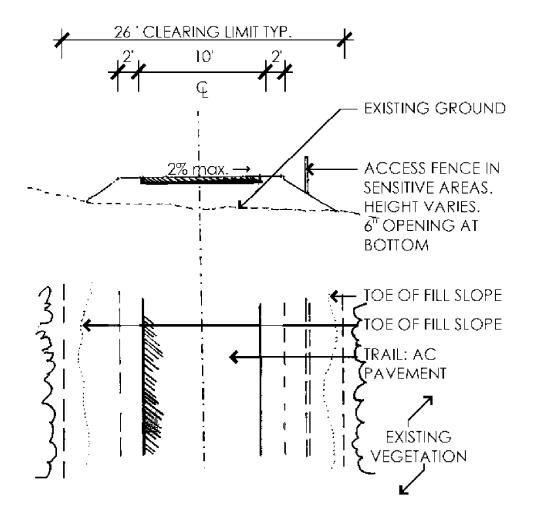
T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

Y-1984-0121, Cook Inlet 317

Date: 1-27-06 SHEET 1 OF 39

# 2 Typical Fill



# TYPICAL CROSS SECTION OF TRAIL SEGMENTS IN WETLANDS Final EIS Preferred Alternative

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

#### SOUTH EXTENSION OF THE COASTAL TRAIL

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15; T. 12N, R. 3W, SEC. 29, 30,32,33

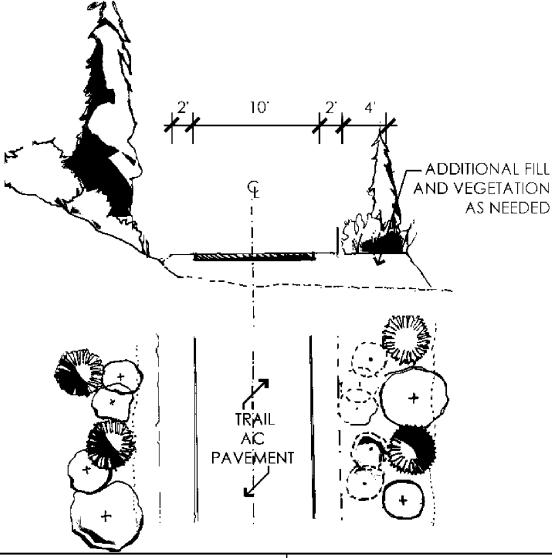
T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

Y-1984-0121, Cook Inlet 317

Date: 1-27-06 SHEET 2 OF 39





# TYPICAL CROSS SECTION OF TRAIL SEGMENTS IN WETLANDS Final EIS Preferred Alternative

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

#### SOUTH EXTENSION OF THE COASTAL TRAIL

LOCATION: ANCHORAGE, ALASKA

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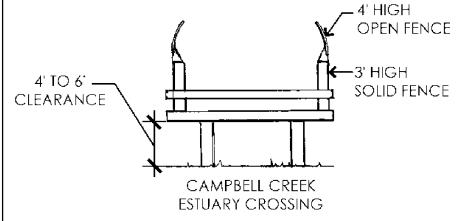
T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

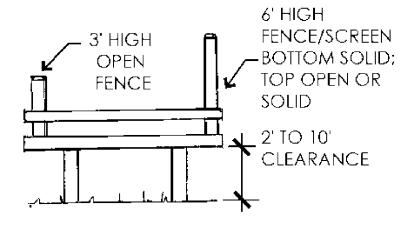
Y-1984-0121, Cook Inlet 317

Date: 1-27-06 SHEET 3 OF 39

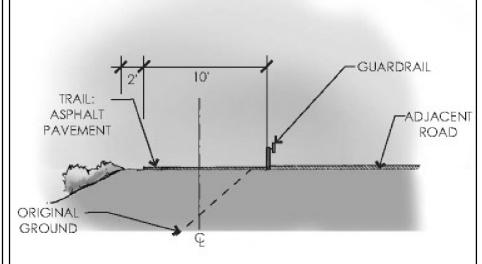
# 13 Campbell Creek Estuary Crossing



# (13) Elevated Trail on Pilings



## (17) Adjacent to Seward Highway



# TYPICAL CROSS SECTIONS OF TRAIL SEGMENTS IN WETLANDS Final EIS Preferred Alternative

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE. ALASKA 99519-6900

#### SOUTH EXTENSION OF THE COASTAL TRAIL

LOCATION: ANCHORAGE, ALASKA

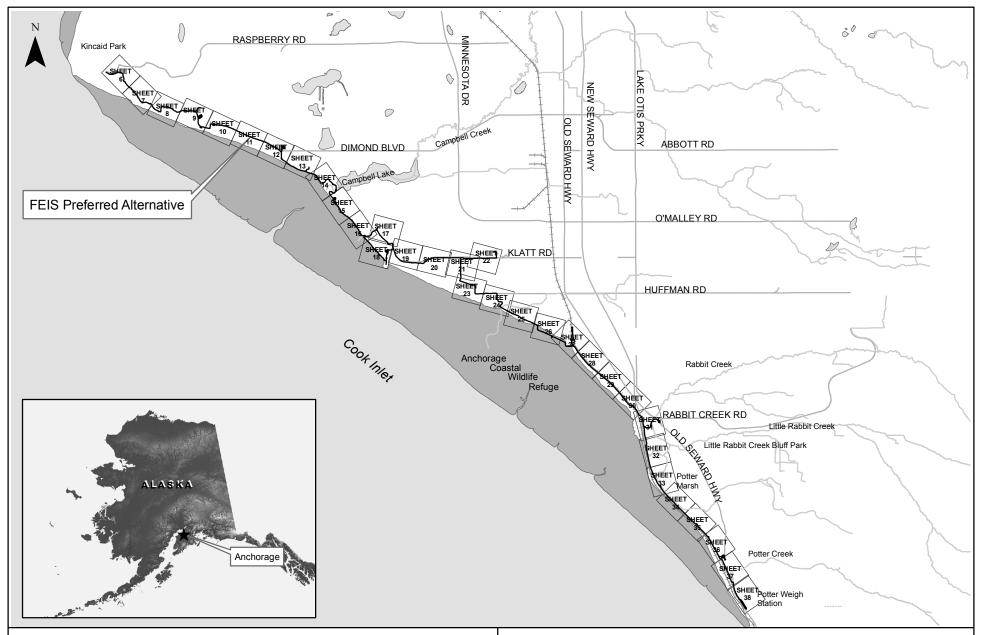
T. 11N, R. 3W, SEC. 4,9,10,15; T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

Y-1984-0121, Cook Inlet 317

Date: 1-27-06 SHEET 4 OF 39



# SHEET EXTENTS Final EIS Preferred Alternative

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

#### SOUTH EXTENSION OF THE COASTAL TRAIL

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15; T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

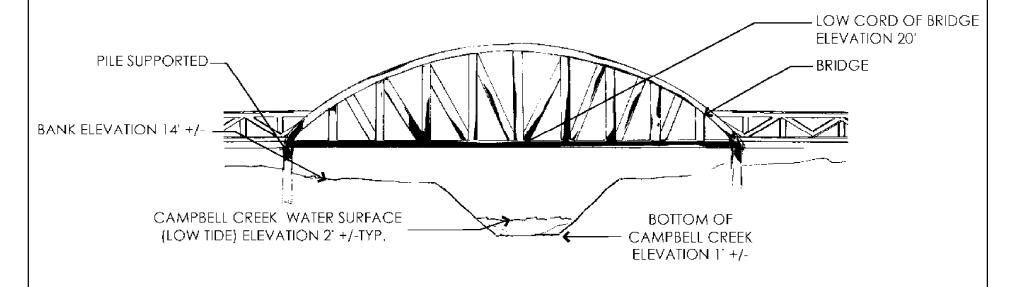
WATERBODY: COOK INLET

Y-1984-0121, Cook Inlet 317

Date: 1-27-06 SHEET 5 OF 39



### **Conceptual Clear Span Bridge**



NOAA 1999 MLLW DATUM

\*Note: Clear span bridges will also be constructed over Furrow, Bayshore, and Rabbit Creeks.

# CONCEPTUAL CLEAR SPAN BRIDGE ACROSS CAMPBELL CREEK Final EIS Preferred Alternative

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

#### SOUTH EXTENSION OF THE COASTAL TRAIL

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15; T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

Y-1984-0121, Cook Inlet 317

Date: 1-27-06 SHEET 4A OF 39

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

SHEET 6 OF 39 Date: 1-27-06

### WETLAND IMPACTS ALONG PREFERRED ALTERNATIVE (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15 T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

SHEET 8 OF 39 Date: 1-27-06

### **WETLAND IMPACTS ALONG** PREFERRED ALTERNATIVE (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

### SOUTH EXTENSION OF THE COASTAL TRAIL

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15 T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

SHEET 9 OF 39 Date: 1-27-06

# WETLAND IMPACTS ALONG PREFERRED ALTERNATIVE (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

### SOUTH EXTENSION OF THE COASTAL TRAIL

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15

T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

Date: 1-27-06 SHEET 10 OF 39

# WETLAND IMPACTS ALONG PREFERRED ALTERNATIVE (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

### SOUTH EXTENSION OF THE COASTAL TRAIL

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15

T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

Date: 1-27-06 SHEET 11 OF 39

Date: 1-27-06

**SHEET 12 OF 39** 

file: Z:\07064 Anch DPW14695 South Extension of Coastal Trail\GIS\WXD\2005\_Corps\_Permit\_figures.mxd

ANCHORAGE, ALASKA 99519-6900

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### WETLAND IMPACTS ALONG PREFERRED ALTERNATIVE (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15 T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

**SHEET 14 OF 39** Date: 1-27-06

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

**SHEET 15 OF 39** Date: 1-27-06

# WETLAND IMPACTS ALONG PREFERRED ALTERNATIVE (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

### SOUTH EXTENSION OF THE COASTAL TRAIL

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15

T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

Date: 1-27-06 SHEET 16 OF 39

# (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

**SHEET 17 OF 39** Date: 1-27-06

# WETLAND IMPACTS ALONG PREFERRED ALTERNATIVE (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

### SOUTH EXTENSION OF THE COASTAL TRAIL

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15

T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

Date: 1-27-06 SHEET 18 OF 39

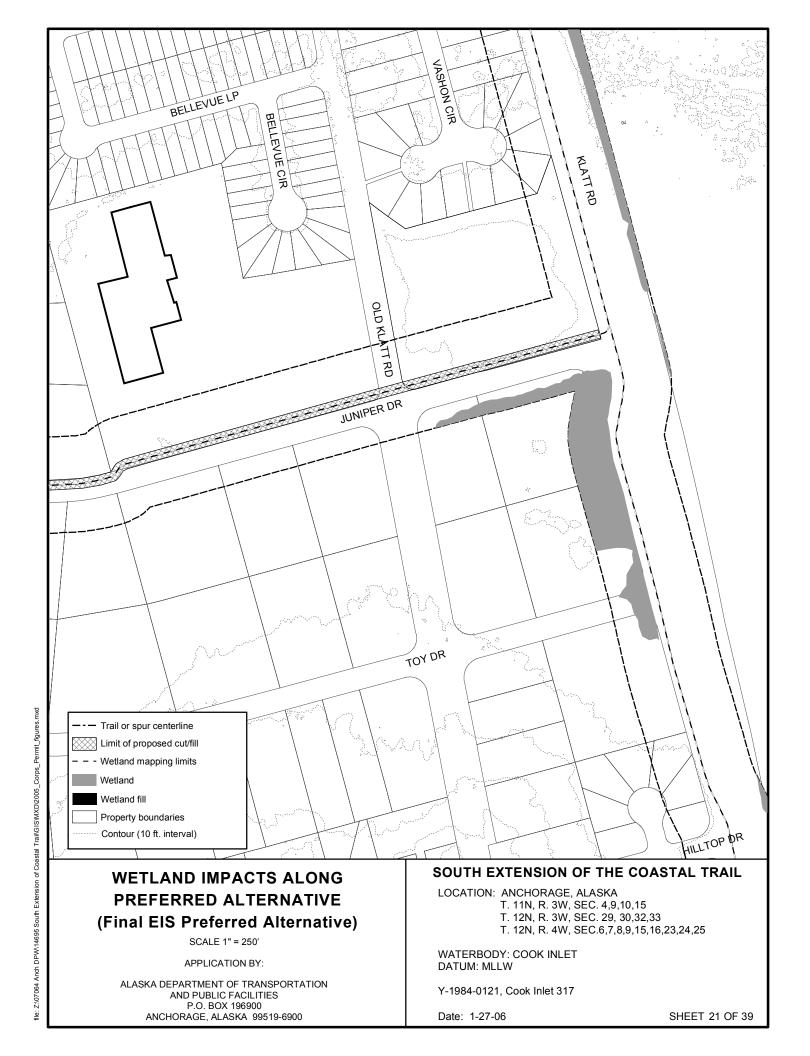
Date: 1-27-06

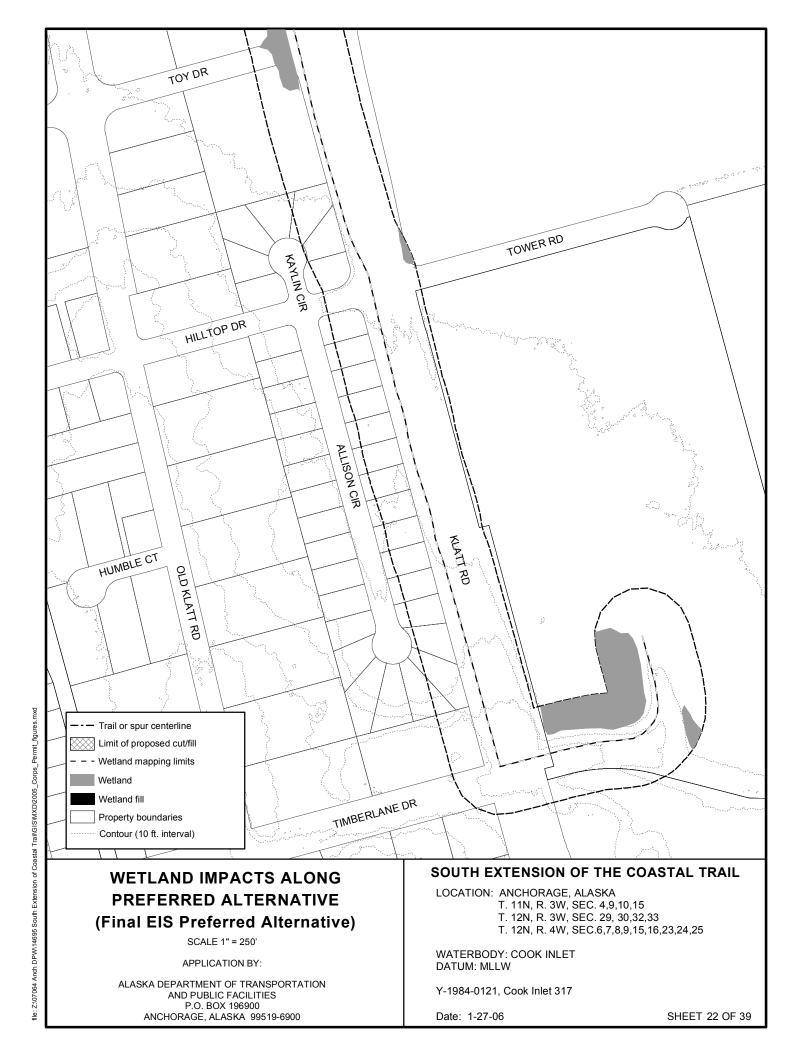
**SHEET 19 OF 39** 

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ANCHORAGE, ALASKA 99519-6900

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APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

**SHEET 23 OF 39** Date: 1-27-06

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# WETLAND IMPACTS ALONG PREFERRED ALTERNATIVE (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900 LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15

T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

Date: 1-27-06 SHEET 26 OF 39

Y-1984-0121, Cook Inlet 317

Date: 1-27-06

**SHEET 27 OF 39** 

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AND PUBLIC FACILITIES P.O. BOX 196900

ANCHORAGE, ALASKA 99519-6900

# WETLAND IMPACTS ALONG PREFERRED ALTERNATIVE (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900 LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15

T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

Date: 1-27-06 SHEET 28 OF 39

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

**SHEET 29 OF 39** Date: 1-27-06

Date: 1-27-06

**SHEET 30 OF 39** 

file: Z:\07064 Anch DP\W14695 South Extension of Coastal Trail\GIS\WXD\2005\_Corps\_Permit\_figures.mxd

P.O. BOX 196900

ANCHORAGE, ALASKA 99519-6900

DATUM: MLLW

Date: 1-27-06

Y-1984-0121, Cook Inlet 317

**SHEET 31 OF 39** 

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APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION

AND PUBLIC FACILITIES P.O. BOX 196900

ANCHORAGE, ALASKA 99519-6900

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900 WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

Date: 1-27-06 SHEET 32 OF 39

### WETLAND IMPACTS ALONG PREFERRED ALTERNATIVE (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15 T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

**SHEET 33 OF 39** Date: 1-27-06

## PREFERRED ALTERNATIVE (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15 T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

**SHEET 34 OF 39** Date: 1-27-06

# (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

**SHEET 35 OF 39** Date: 1-27-06

### **WETLAND IMPACTS ALONG** PREFERRED ALTERNATIVE (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

### SOUTH EXTENSION OF THE COASTAL TRAIL

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15

T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

**SHEET 36 OF 39** Date: 1-27-06

# WETLAND IMPACTS ALONG PREFERRED ALTERNATIVE (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900 LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15

T. 12N, R. 3W, SEC. 29, 30,32,33

T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

Date: 1-27-06 SHEET 37 OF 39

### WETLAND IMPACTS ALONG PREFERRED ALTERNATIVE (Final EIS Preferred Alternative)

SCALE 1" = 250'

APPLICATION BY:

ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

### SOUTH EXTENSION OF THE COASTAL TRAIL

LOCATION: ANCHORAGE, ALASKA

T. 11N, R. 3W, SEC. 4,9,10,15 T. 12N, R. 3W, SEC. 29, 30,32,33

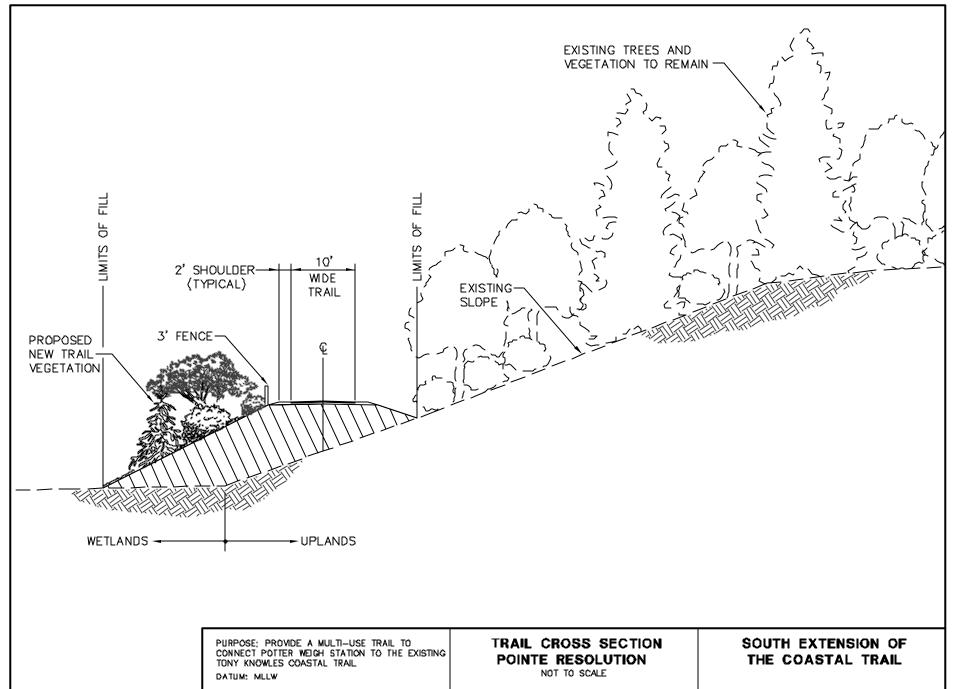
T. 12N, R. 4W, SEC.6,7,8,9,15,16,23,24,25

WATERBODY: COOK INLET

DATUM: MLLW

Y-1984-0121, Cook Inlet 317

**SHEET 38 OF 39** Date: 1-27-06



ADJACENT PROPERTY OWNERS: SEE ATTACHED SHEETS

### LOCATION:

T. 11N, R. 3W, SEC. 4,9,10,15, S.M.
T. 12N, R. 3W, SEC. 29,30,32,33, S.M.
T. 12N, R. 4W, SEC. 6,7,8,9,15,16,23,24,25, S.M.

### APPLICATION BY:

ALASKA DEPTARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES P.O. BOX 196900 ANCHORAGE, ALASKA 99519-6900

IN: COOK INLET

AT: ANCHORAGE, ALASKA

Y-1984-0121, COOK INLET 317

DATE: 10-29-2002

SHEET 39 OF 39